pth 6	Contents 7	Reference to last Measurement 8
		N41 NOT-TO-Scale

2/2/16

M.A.R. 57 (Rule 116)

Measurement Book

BR-278/ 09-0316

No. A/10 188337

Serial No. I^st and Final Recorded on 2/2/2016

Name of work. Improvements of Roads and drains in Gangamma Temple Road From To

Name of Contractor of nature of Agency. Amruthahalli ward no7 Byatarayanapura

Date of commencement of work. Est Cost Rs 15.00 Lakhs

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	JOB NO: 007-15-000024.						
	ASNO: JC(y) AS NO /1134/14-15						
	TSNO: EE/BTP/TS NO/ 119/14-15						
	Agency: M. prakash						
	Agg NO: EE/BTP/BBMP/Ag·273/14-15						
	Work order NO: EE/BTP/W.O/273/14-15						
(1).	Removing of B.S. Slab.						
	Qty Recorded in this M.B. vide P.NO. 188375						
	Qty 2033.13 Sq mt @Rs 61.23/Sq mt					Rs	1,24,489=00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
2)	Refixing of Stone slab of drains and pointing.						
	Gangamma Temple Road	1	95.60	1.65	—	157.74	
	Chamraj House Road	2	24.0	1.65	—	79.20	
	Venkatesha House Road	2	37.40	1.65	—	123.42	
	Ashrama House Road	2	38.90	1.65	—	128.37	
		2	19.0	1.65	—	62.70	
	Venkataramappa House Road	2	232.0	1.65	—	765.60	
		2	95.0	1.65	—	313.50	
					Totally	1630.53 sq	
		@ Rs 79.37/sqm				Rs	129415=00
3)	providing granite slab of selected Quality Roughly dressed and fixing						
		2	124.0	1.65	-	409.2 sq	

Serial No.....

Name of work.....

Name of Contractor of nature o

Date of commencement of wor

Date	Full description, etc, of w
1	2
4)	E.W. Excavation Horizontal throug and disposed Qty Recorde Qty 296.51 286.02
5)	Scarifying the to a depth & 50m complete as per

OK

Depth 6	Contents 7	Reference to last Measurement 8	
ing.			
–	157.74		
–	79.20		
–	123.42		
–	128.37		
–	69.70		
–	765.60		
–	313.50		
Totally	1630.53 Sqm		
	Rs	129415=00	
uality Roughly			
–	409.2 Sqm		

M.A.R. 57 (Rule 116)

Measurement Book No. A/10 188338

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		@Rs	671.28 Sqmt			Rs	274680=00
4)	E.w. excavation by Manual Means in O.soil by Manual Means Horizontal through up to 2m and an Avg lift upto 0.5m and disposed Earth etc complete.						
	Qty Recorded in this MB vide p.no 188375.						
	Qty 296.51 Cmt @Rs 79.37 Cmt					Rs	23534=00
	286.02						22701
5)	Scarifying the existing granular Sub base Surface to a depth of 50mm and disposal lead up to 1000mtr complete as per Specifications						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Gangana Temple Road	1	95.60	4.20	—	401.52	
	chavraj Hosur Road	1	24.0	4.30	—	103.20	
	venkateshs Hosur Road	1	19.0	4.0	—	76.00	
		1	37.40	4.0	—	149.60	
	Ashrama Hosur Road	1	38.90	5.30	—	206.17	
					Total	936.48 Sq.m	936.469
						Rs	16,600 = 00
	limit to 861.00 Sqm @ Rs 19.28/Sqm						
(6)	Compaction & original Ground with Maximum of 6 pass 8 to 10 T Road Roller filling deposition etc complete as per specification						
	Qty is same as item no (6) . Qty = 936.468 Sq.m						
	limit to 861.00 Sqm @ Rs 4.70/Sqm					Rs	4047 = 00
(7)	providing and laying Spreading and compacting						

Serial No.....

Name of work.....

Name of Contractor of natur

Date of commencement of

Date	Full description, etc
1	2
	grade stone including pre specifications
	Qty Recor
	Qty = 176
(8)	providing a Emulsion on cleaning Roa @ 0.60 kg/sq

Depth 6	Contents 7	Reference to last Measurement 8
–	401.52	
–	103.20	
–	76.00	
–	149.60	
–	206.17	
	936.49 Sq	936.49
	Rs	16,600=00
on of 6 pers		
upleted as per		
68 Sq		
	Rs	4047=00
Computing		

M.A.R. 57 (Rule 116)

Measurement Book No. A/10 188339

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	grade stone Aggregate to wet mix Macadam specifications including pre mixing Method of ~~TIPER~~ etc Complete as per specifications						
	~~Qty~~ Recorded in this MB vide p.NO 188376.						
	Qty = ~~178.54~~ 180.14 cum limit to 172.20 cum.					Rs	260,081=00
	@ Rs 1510.34/ cum						
8)	providing and applying primer coat with Bitumen Emulsion on prepared Surface of Granular base including cleaning Road Surface and Conveying primer at the rate of 0.68 kg/sq m etc complete as per Specifications						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Gayatri Temple Road	1	30.0	$\frac{4.2+4.30}{2}$	4.25	127.50	
		1	30.0	$\frac{4.3+4.70}{2}$	– 135	120.00	
		1	30.0	$\frac{3.7+4.2}{2}$	+18.50	115.50	
		1	5.60	4.00	–	22.40	
	Chanraj home Road	1	24.00	$\frac{4.3+4.40}{2}$	–	104.40	
	Venkateshwara home Road	1	30.0	$\frac{4.0+3.9}{2}$	–	118.50	
		1	17.40	$\frac{4.0+4.10}{2}$	–	70.47	
	Ashirvad Home Road	1	30.0	5.30	–	159.00	
		1	9.90	$\frac{5.3+4.80}{2}$	–	44.95	
					Totally	882.72	
	Limit to 861.00 Sqm			@ Rs 39.28/Sqm		Rs 33777=00	

Serial No.....

Name of work.....

Name of Contractor of nature of Age

Date of commencement of work.....

Date	Full description, etc, of work
1	2
9)	providing and lay batch HMP producin crushed aggregate Gayatri Temple Road

Initially Measurements checked

Item No 9.

Chanraj home Road

Venkateshwara home Road

OK

	Depth 6	Contents 7	Reference to last Measurement 8
30	4.25	127.50	
70	– 1.35	120.00	
2	+ 18.50	115.50	
	–	22.40	
40	–	104.40	
2	–	118.50	
10	–	70.47	
	–	159.60	
80	–	44.95	1315.09
	Totally	882.72	
	9.28 Sqm	Rs 33777=00	
	39.93	34380=00	

M.A.R. 57 (Rule 116)

Measurement Book

No. A/10 188340

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
9)	providing and laying SDBC of 25mm thick with 100-120 batch HMP producing an Avg output of 75 T. as per using crushed aggregate etc complete as per specifications.						
	Gayatri Temple Road	1	30.0	$\frac{4.2+4.30}{2}$	0.025	3.19 Cut	
		1	30.0	$\frac{4.3+3.70}{2}$	0.025	3.00 2.96	
Initially Measurements checked.		1	30.0	$\frac{3.7+4.2}{2}$	0.025	2.89	
Item No 9.		1	5.60	4.0	0.025	0.56	
Changraj house Road		1	24.0	$\frac{4.3+4.40}{2}$	0.025	2.61	
S.O. (W).2)	Venkatesh house Road	1	30.0	$\frac{4.0+3.90}{2}$	0.025	2.96	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Ashoka Hotel Road	1	17.40	$\frac{4.0+4.10}{2}$	0.025	1.76	
		1	30.0	5.30	0.025	3.98	
		1	8.90	$\frac{5.3+4.80}{2}$	0.025	1.12	
					Totally	22.07 cum	
	limit to 21.53 cum @ Rs 9342.14/cu					Rs 201136 = 00	
10)	providing and laying pcc 1:4:8 Mix M-10. with ope of 220 Kgs with 40mm and down Size graded granite Machine Mixed concrete laid not Exceeding 1m Complete as per Specification						
	Qty Rounded in this MB vide p.no 188376.						
	Qty 2.16 cum @ Rs 5316.82/cu					Rs 11484=00	
11)	providing and Constructing granite Basalt R.S.M in Foundation with CM 1:6 Stone Hammer dressed in						

Serial No.....

Name of work.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Nu
1	2	
	Coarse not less than 20	
	CD	
	Sidewall Ashoka Hotel	
	Venkatesh Road	
	limit to 34.	
12)	providing and Renovi	
	Complete as per Specifi co	
	CD	

OK

	Depth 6	Contents 7	Reference to last Measurement 8
10	0.025	1.76	
	0.025	3.98	
30	0.025	1.12	
Totally		22.07 cum	
2.14/cm		Rs	20136 = 00
with ope of 220			
ed granite			
ding etc complete			
0 188376.			
		Rs	1484 = 00
Basalt S.S.W			
dressed in			

M.A.R. 57 (Rule 116)

Measurement Book No. A/10 188341

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Coarse rock len Ulin 20 cm etc complete as per Specifications						
	CD	2	8.0	0.75	0.45	5.40	
	Sidewall Ashraf Hon	2	38.90	0.60	0.45	21.01	
	Venkatesh Roen	1	35.0	0.60	0.45	9.45	
					Totally	35.86 cm	
	Lint to 34.56/cm @ Rs			4027.58/cm		Rs	139193 = 00
12)	providing and Removing Centering & form works etc complete as per Specifications						
	CD	2	8.0	0.75	0.23	3.68 3.98	
		2	2.0	0	0.23	0.92	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Side wall	1	8.0	–	0.60	4.80	
		4	38.90	–	0.45	70.22	
					totally	79.42	
	limit to 50.33 Cu @ Rs 248.32 Cum					Rs	12498=00
13)	providing and laying concrete 20mm and down size granite Jelly of Rock mixes laid in 15cm three layers and well compacted including vibrating etc complete as per Specification						
	CD						
MC & FC	Side wall	1	8.0	2.0	0.23	3.68	
		2	38.90	0.15	0.45	5.25	
		1	35.0	0.15	0.45	2.36	
	Road	1	19.0	5.0	0.10	9.50	
					Totally	20.79	
	limit to 19.87 Cum	@ Rs 6138.89 Cum				Rs	1,21,980=00

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಕಬ್ಬನ್ ಪಾರ್ಕ್ ಉಪವಿಭಾಗ
ಅಭಿವೃದ್ಧಿ ವಿಭಾಗ
ಬೆಂಗಳೂರು - 560092

Serial No.....
Name of work.....
Name of Contractor
Date of commencem

Date	Full descript
1	
14)	providi straight c dapping Qty Qty
15)	providi MC & FC

	Contents 7	Reference to last Measurement 8
	4.80	
	70.22	
	79.42	
	Rs	12498=00
	omsize	
	layers	
	uplete	
	3.68	
	5.25	
	2.36	
	9.570	
	20.79	
	Rs	1,21,980=00

M.A.R. 57 (Rule 116)

Measurement Book

No. A/10 188342

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
14)	providing TMT steel straightening cutting bending hooking placing position dropping etc complete as per specification.	Reinforcement for RCC works including					
	~~Qty~~ Recorded in this QTY vide. P.No 188377						1,51,361=00
	Qty = 1.84 ~~Tons~~	@Rs ~~78351.84~~/Ton 82,261-60				Rs	~~1,66,167~~=00
15)	providing Ruled pointings for S.S.N walls						
	✓ CBS	2	8.0	0.60	—	9.60 Sq	
	MCQFC	@Rs	97.57/Sqm			Rs	936=00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
16)	Road disposal of Debries shall be payable at Carriage Rate by Mechanical Mean etc complete as per Specifications Qty is same as item no (4) Qty = 296.57 Cubic @ 76.36/cum 286.02					Rs 22636=00 ~~21834.76~~ 15,27,847=00 15,28,450=00 15 26 81	
	Certificate: Certify that the above Road work is Complete satisfactorily and within the BBMP limit					Totally	
						JE 2/2/2016	

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಕೊಡಿಗೇಹಳ್ಳಿ ಉಪವಿಭಾಗ
ಯಲಚೇನಹಳ್ಳಿ ಮುಖ್ಯರಸ್ತೆ, ಬಿ.ಬಿ.ಎಂ.ಪಿ
ಬೆಂಗಳೂರು - 560092

BP 278 5/3/16

Serial No.....

Name of work.....

Name of Contractor of nature of Age

Date of commencement of work.....

Date	Full description, etc, of work
1	2
	1526870-
	200-
	1326561-

K

	Depth 6	Contents 7	Reference to last Measurement 8
at carriage per Specification Each			
		Rs 22636=00	21834-76
Totally		15,27,847=00	
		15,28,483=00	1526870
		JE UA 2/2/2016.	

BR 278
5/3/16

M.A.R. 57 (Rule 116)

Measurement Book

No. A/10 18243

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	1526870-00				IT - 15270-00		
	200249-00				VAT - 61073-00		
	1326561-00				LWF - 1527-00		
					CBF - 1527-00		
					FSD - 9609-00		
					LP - 15500-00		
					Total cost - 200249-00		
					By che - 1326561-00		
	Signature of Contractor						
			28/x/16				

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Location plan :-						N-41
	27 mt		232.00				NOT-TO-Scale
			Venkateswara Agraharam Main Road				
			24 x 4.30				
			Chamraj Main Road				
			37.40 x 4.10				
			Venkatesh Main Road				
			38.90 x 5.30				
			Ashraaf Main Road				
		95.60 x 4.20	Gangamma Temple Road				
			Amruthahalli Main Road				
	Rcc Drain works						
	BIS Slab works						
	Asphalting Area						
							2/2/16

Serial No..... I st and fin

Name of work.. Improvem

Name of Contractor of nat

Date of commencement o

Date	Full description, e
1	2
	Job No: 007-1
	ABNO: JC(y) A
	TSNO: EE/BT
	Agency: M. P
	Agg NO: EE
	Wrk order NO:
(1).	Removing q
	Qty Recorde
	Qty 2033.